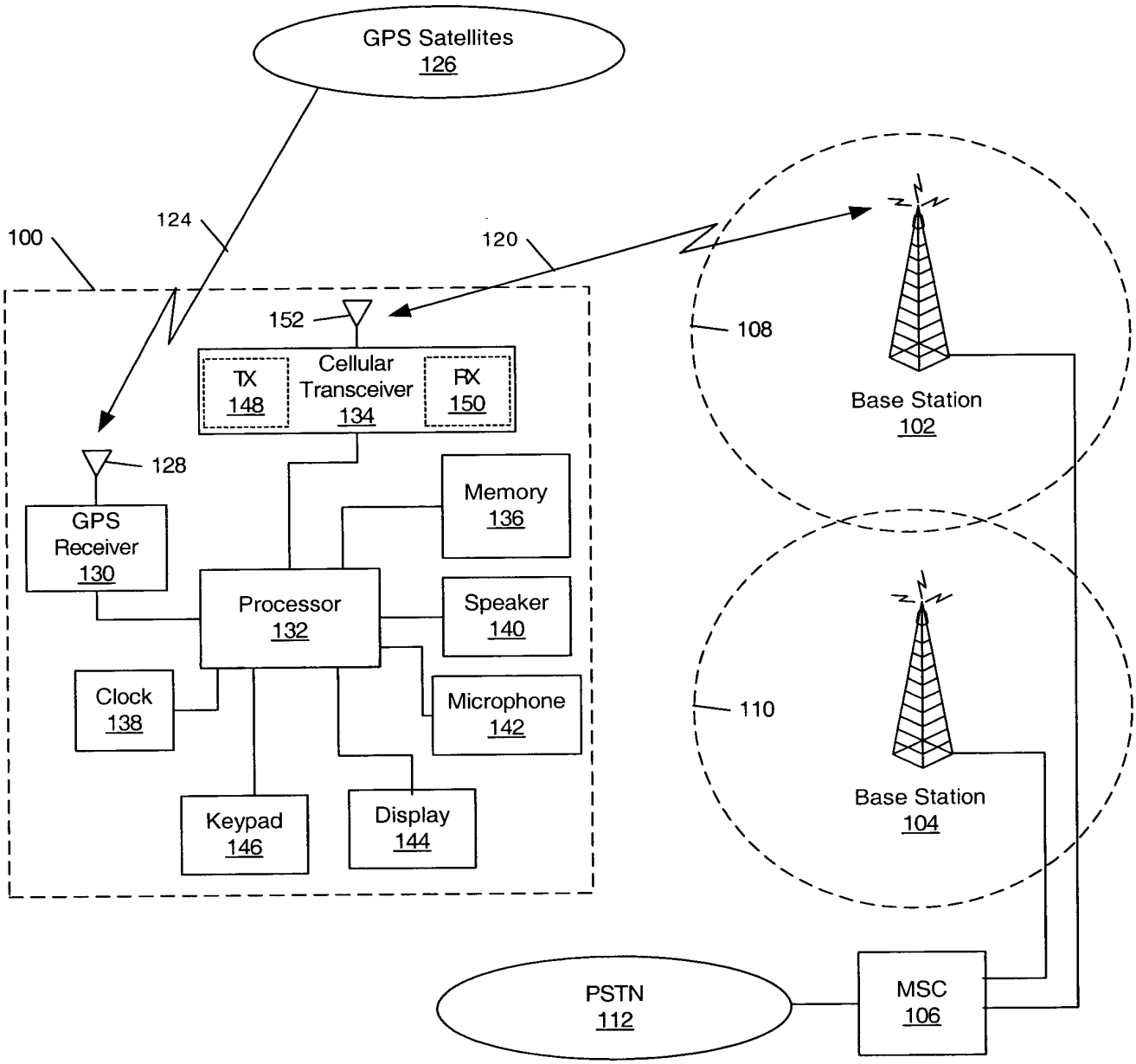
GPS Satellites
126
124
100
120
152
TX
148
Cellular
Transceiver
134
RX
150
128
GPS
Receiver
130
Memory
136
Processor
132
Speaker
140
Clock
138
Microphone
142
Keypad
146
Display
144
108
Base Station
102
110
Base Station
104
PSTN
112
MSC
106

Figure 1

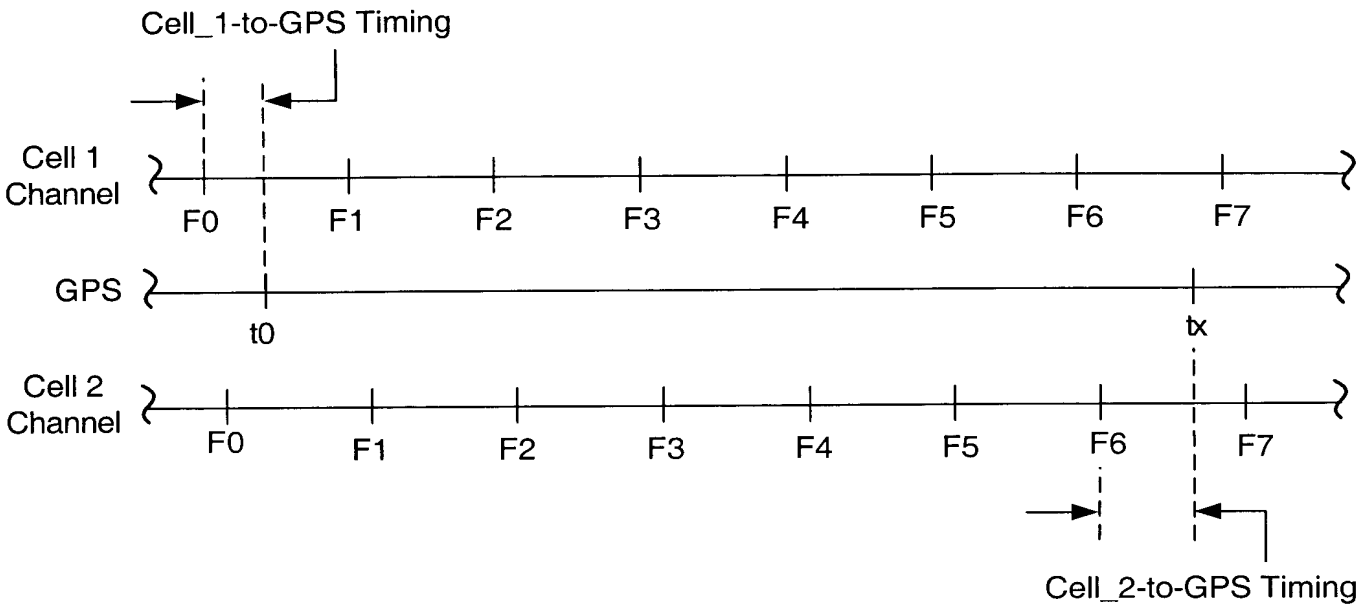

Figure 2

Cell-to-GPS Timing Repository		
Cell Identifier	Cell-to-GPS Timing Data	Timing Drift Rate
Cell 1	Timing Offset 1	Drift Data 1
Cell 2	Timing Offset 2	Drift Data 2
Cell 3	Timing Offset 3	Drift Data 3
Cell X	Timing Offset 4	Drift Data 4

Figure 3

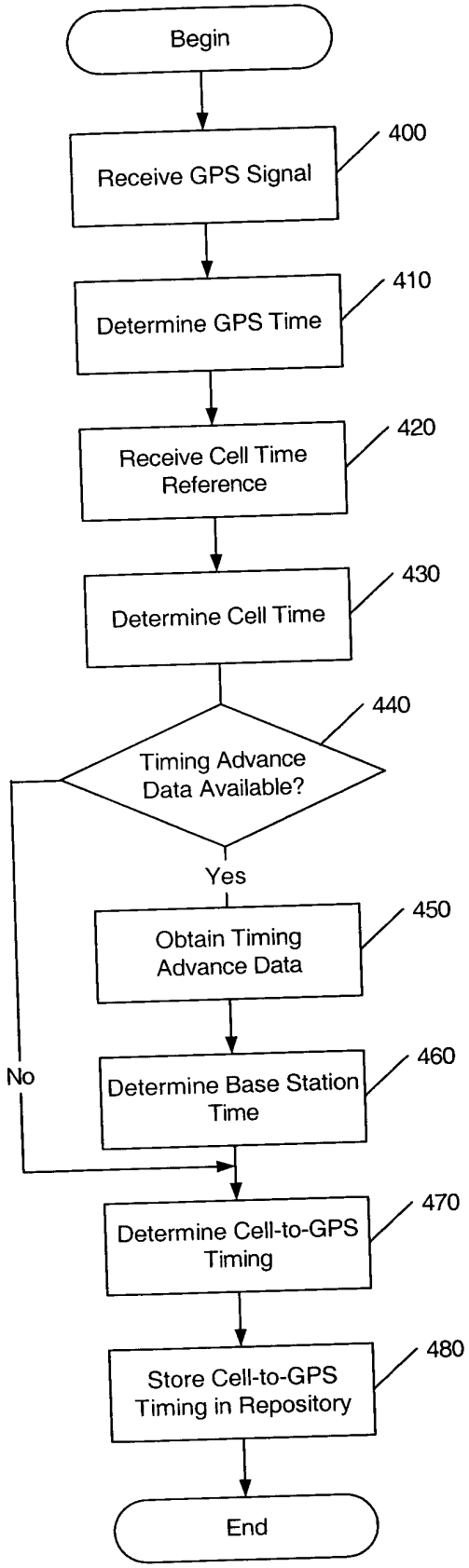

Figure 4

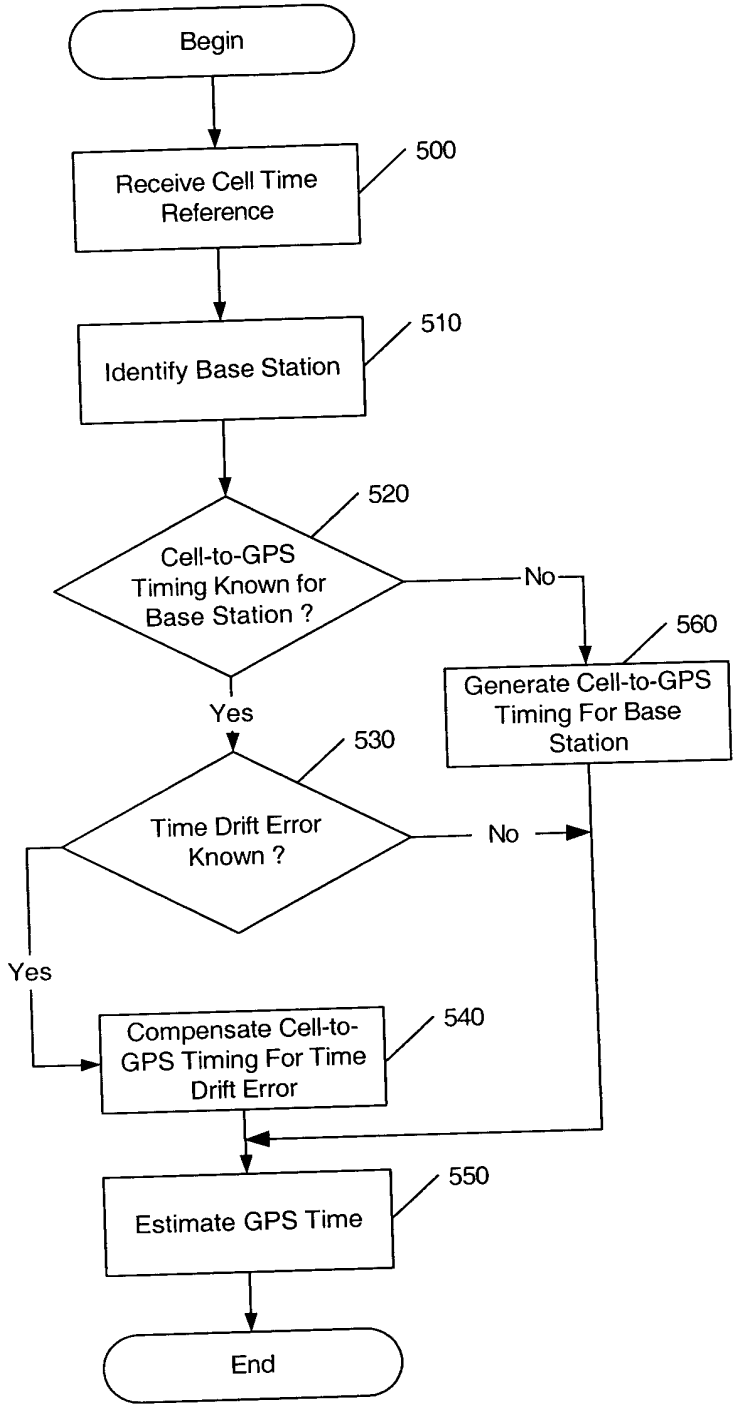

Figure 5